PANEL A	
ECG POINTS (34 1)	PANEL B
Lead Criteria Pts Lead	% INFARCT IN 12 LV SEGS
ea Max	AND RCA LCX
I Sup-api Q> #30ms \ 1	1 2 3 4 5 8 7 8 9 10 11 12
1 R/Oc-4 11 1	1 1 1 1 1 1 1 2
R<=0 2mV   1   1	21
II Inf-api Q>=40ms 2 2	
Q>=30ms   1	122 1
AVL Sup Q>=30ms 1 2	
R/Q<=1   1	2 1 1 2
AVF Inf Q>=50ms 3	
Q>=40ms 2	222 1 1
Q>=30ms 1 5	21
R/Q<=1 2 R/Q<=2 1	23 1
1/4 4 - 1	1 2
Post R/\$>=1 1	1 2
	1 2
* > deleted -> R>=50ms 2 4   R>=40ms 1	1 1 2 1 1
. dd the QXS=0.3mV 1	1 1 1 1
1 ×2 Alit Any Q   1	
R<=10ms 1 1 1 R<=0.1mV 1	21
1/2-Post R/S>=15 1	
deleted R>=60ms 2 4	1 1 1 1 1
1 2/2 R>=50ms 1	1 1 1 2 1
08S<=0.4mV 1	1 2
V3 Ant Any Q 1	
R<=0.2mV 1 RV3<=RV1 1	
V4 Ant- Q>=20ms 1 1	
' ' apicat R/Q<=0.25/ 2 3	
' R/S<=0.25) 2	
R/Q<=0.5 1 3	
R/S<=0.50 1 1	1 1.
V5 Apict Q>=30ms 1 1	
R/Q<=0.5j 2	1 1 2 2
· R/S<=0,5) 2	1 2 2
· · · R/Q<=1) 1 3	
1 · · R/S<=1) 1 1	111
. · R<=0.6mV 1	
V6 Post- Q>=30ms 1 apical R/Q<=1 2	1 1 1
apical R/Q<=1 2 R/S<=1 .2	1 2 3
· R/Q<=2) 1 3	
. · · R/S<=2 ) 1	1 2
R<=0.6mV 1	
TOTALS Points->	
%LVI>	

If > 1 criteria in bracket met, select 1 with most points

If > 1 criteria in bracket has same point, score only once

Age normalize amplitude criteria to age 50, Increasing them by

Mojer forages 20-49 and decreusing then 19der for 750 yrs.

(For Femules further decreese all amplitude criteria by 20% > 20% and decrease all duration criteria by 10%

PANE A				F	AN	28			 `			
Lead Criteria	ea	Lead Max		L / Ant-se	t,su	ip * 4.2.2.2	Lick	RC Inf	٠	Pos	C X st-lat	
V8R Post Q>=70ms Q>=60ms	crit 2 1	Pt		0 1	2	7)		6		4	2	4 2
V4R Ant any Q , C Ad Post R>=36ms	1 2	1		1	2				 _	2	<del></del> 3	i
Web: - 18/82=4-	3	-4	-					_	 	2	-4 3	3
R/S>=2 R/S>=1	1	:							 	1 3	2	_
V8 Post Q>=46ms Q>=36ms	2									2	1	
(R/Q>=2  R/Q>=4	2									1	3	2
TOTALS Points->		%LVI	<u> </u>						-			

### DATA TRIBLE II

PANEL A				Γ			PA	NE	L	В			
ECG POINTS (3%	LV e	ach)		9	6 INF	A	Ret	Th	11	21	V:	SE	G\$
With RBBB	Pts	Lead	_	Γ	L						L		
	ea	Max		A	nt-se	pt,	-su		ir	ηf	Po	st-l	at
Lead Criteria	crit	Pl		1	2 3	4	5 6	7	8	9	10	11	12
I Sup-api Q>=30ms	1					1	1				1		•
R/Q<=1	1	2					2 1				1		
R<=0.2mV	1			L		L		L					
II Inf-api Q>=40ms	2	2						1	2	2			1
Q>=30ms	1							L	1	1			1
AVL Sup Q>=30ms	1	2					2 1						
R/Q<=1	1						12						
AVF Inf Q>=50ms	3							•	2			1	1
Q>=40ms	2		į	ŀ				2	2	2			
Q>=30ms	1	5							2	1			
R/Q<=1	2							1	2	3			1
R/Q<=2	1			L					1	2	L		
V1 Ant Any Q	1	2		Г	1 2	Γ		Γ					
Post_R/S>=1	1							T			1	2	
R>=50ms	12	4		ļ		1		1	1		2	1	1
R>>40ms	1							1			1	1	
08.S<=0.3mV	1					l			1			1	1
V2 Ant Any Q	1			Τ				T					
R<=10ms	1	1			2 1								
R<=0.1mV	1			i							İ		
Post R/S>=1.5	1					Γ		Τ		1		1	1
R>=60ms	12	4						1	1		1	2	1
R>=50ms	1								1		1	1	
28.S<=0.4mV	1							1				1	2
V3 - Ant Any Q	1				-			$\top$					
R<=20ms	1	1		2	1								
R<=0.2mV	1												
RV3<=RV1	1												
V4 Ant- Q>=20ms	1			1	1	1	•	T			_		
apical R/Q<=0.25	2		1		2	1	•						
R/S<=0.25	2		-		-								
R/Q<=0.5	1	3						1					
R/S<=0.5	1		ı	1	1	1				-			
R<=0.6mV	1					ĺ							
V5 Apicl Q>=30ms	1	$\Box$		1	1	1		T				-	
R/Q<=0.5	2			1	1		2			1			
R/S<=0,5	2					ĺ							
R/Q<=1	1	3	-										
R/S<=1	1			1		1	1			ļ			
R<=0.6mV	1			-		ĺ							
V6 Post- Q>=30ms	1		ı	_		1		1		7	1		
apical R/Q<=1	2	1				1		2			3		
R/S<=1	2		1							ŀ			1
R/Q<=2	1	3						1					
R/S<=2	1							1			2		
R<=0.6mV	1	-						1		ı	-		
TOTALS Points->			7	٦				$\sqcap$	П	ᅦ			
		%LVI	>							ł			1

DATA-TABLE III

If > 1 criteria in bracket met, select 1 with most points
If > 1 criterif a in bracket has same point, score only once
Ane normalize amolitude criteria to ane 50 increasing them by

				٠.						_				
PANEL: A	\			Γ			P	A	ΝE	L	B			
ECG POINTS (8%	LV e	ach)		9	6 INI	FA	RC	T	IN	1	21	_V	SE	GS
With LAFB	Pts	Lead	L	Г								П		
	ea	Max		A	nt-s€	pt	,-\$1	up	l	11	nf	Po	st-	lat
Lead Criteria	crit	Pt		1	2 3	4	5	6	7	8	9	10	11	12
I Sup-api Q>=30ms	1			Γ		1	1		Γ			1		
R/Q<=1	1	2		1			2	1						
R<=0.2mV	1			L		L			L		_	L		
Il Inf-api Q>=40ms	2	2		Γ		Γ			1	2	2			1
Q>=30ms	1			L		L			Ŀ	1	1		•	1
AVL Sup "Q> 40 ms	1	2		Γ		Π		1						
R/Q<=1	1					]_	1	2						
AVF Inf Q>=50ms	3			Γ		Γ			3	2	2		1	1
Q>=40ms	2								2	2	2			
Q>=30ms	1	5								2	1			
R/Q<=1	2									2	3			1
R/Q<=2	1								l	1	2			
V1 Ant Any Q	1	2		Г	1 2	Г								•
Post R/S>=1	1			Т		Γ			Г			1	2	
R>=50ms	2	4		ĺ					1	1		2	1	1
R>=40ms	1								1			1	1	,
Q&S<=0.3mV	1									1	i		1	1
V2 Ant Any Q	1											Г		•
R<=10ms	1	1		ŀ	2 1								•	
R<=0.1mV	1													
Post R/S>=1.5	1			Г		1					1		1	1
R>=60ms	2	4							1	1		1	2	1
. R>=50ms	1									1		1	1	
Q&S<=0.4mV	1												1	2
V3 Ant Any Q	1					Γ			_					
R<=20ms	1	1		2	1									
R<=0.2mV	1													
RV3<=RV1	1													
V4 Ant- Q>=20ms	1			1	1	1								
apical R/Q<=0.25	2			3	2	1								
R/S<=0.25	2							1						
R/Q<=0.5	1	3												
R/S<=0.5	1	1		1	1	1		1						
R<=0.6mV	1	İ												
V5 Apicl Q>=30ms	1		ı	1	1	1		7		-		_		
R/Q<=0.5	2			1	1	2	2	١						1
R/S<=0,5	2													Ī
R/Q<=1	1	3									-			
R/S<=1	1		-	1		1	1	١			ı			l
R<=0.6mV	1	- 1						-						
V6 Post- Q>=30ms	1		İ			1		7	1		$\neg$	1		
apical R/Q<=1	2					1		1	2			3		
R/S<=1	2 2 1													
R/Q<=2		3						-			- (			
R/S<=2	1		-					۱	1		- [	2		
R<=0.6mV	1	[	I										_	
TOTALS Points->			1	٦	П		T	1	7	7	1			
		%LVI	>						1		1			

DATA TABLE IV

ř		-			_	_	_		_	_	_		_		-	
۱	PANEL A		٠,		١.						١E					
Į.	ECG POINTS (3%1		_		<u>%</u>	_	_	_		T						<u>GS</u>
1	With LVH ±		Lead		١. ۔			<u>.</u> [						L Po		
X	LAFB		Max		1	nt-s								ľ		
V	Lead Criteria	crit	Pt		1	2	3		_	6	7	8	9	10	11	12
ſ	Sup-api Q>=30ms	1						1	1					1		
ı	R/Q<=1	1	2				ļ		2	1						
1	R<=0.2mV	1			L		4	_		_	_	_		-		4
I	II Inf-api*Q>=50ms	2	2								3		2			1
ŀ	* Q>=40ms	1			<u> </u>		_	_	<u>_</u>	-	L		-	-		
ŀ	AVL Sup Q>=40ms	1	2				Į		2							
Į.	R/Q<=1	1			<u> </u>		4	_	1	<u> </u>	_	<u>~</u>	_	-	1	
ı	AVF inf *Q>=60ms	3									•		2		1	1
١	• Q>=50ms	2			l						2		2			
	* Q>=40ms	1	5										1			
	R/Q<=1	2											3			1
1	R/Q<=2	1			<u> </u>	_	ᆗ	<u> </u>		_	_	1	2	-		
1	V1 Ant *Any QR	1	2			1	4	<u> </u>	_	_	-			-	_	
	Post R/S>=1	1						l			1	1		1 2	2	
1	* R>=56ms	2	4								1	ł		1	1	'
١	* R>=48ms	1			ŀ						١.	1		١,	1	1
ŀ	Q&S<=0.3mV	1			-	2	4	-		-	-		<del></del>	-		
l	V2 Ant *Any QR ·	1	1			2	1									
ŀ	RV2 <rv1< td=""><td>1</td><td></td><td></td><td>┝</td><td></td><td>4</td><td>-</td><td></td><td>_</td><td>┝</td><td></td><td>1</td><td>-</td><td>1</td><td>1</td></rv1<>	1			┝		4	-		_	┝		1	-	1	1
I	Post R/S>=1.5 * R>=66ms	1 2										1	1	1	2	
1	* R>=58ms	1	4								١,	1		1	1	•
1		1						ľ				*		<b>'</b> '	1	2
ŀ	Q&S<=0.4mV V3 Ant *Any QR	1			┝		-	┝			-		_	┝		
ř	* R<=10ms	1	1		2	1		ŀ		1						
١	* R<=0.1mV	1	'		1	•										
1	RV3 <rv1< td=""><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></rv1<>	1														
ŀ	V4 Ant- Q>=20ms	1			1	1	-	1			┢	-		-		
ı	apicalR/Q<=0.25	2				2	į	1								
١	R/S<=0.25	2				_		ľ								
l	R/Q<=0.5	1	3				1									
ı	R/S<=0.5	1	Ť		1	1		1								
I	R<=0.6mV	1														
ŀ	V5 Apicl Q>=30ms	1			1	1	7	1								
Ì	R/Q<=0.5	2			1	1		2	2							
١	R/S<=0,5	2														
ł	R/Q<=1	1	3													
Į	R/S<=1	1			1			1	1					ł		
	R<=0.6mV	1			L						L					
ſ	V6 Post- Q>=30ms	1						1			1			1		
l	apical R/Q<=1	2					-	1		ļ	2			3		
1	R/S<=1	2					-			-						
1	R/Q<=2	1	3							-						
	R/S<=2	1					-			į	1			2		
L	R<=0.6mV	1			L.,						L	_		L		<b>,</b>
ı	TOTALS Points->						I									
I			%LV	>					1			H			1	1

DATA TABLE I

### **Detection Criterial Threshold:**

Criteria Thresholds (in uV and ms	Threshold	RBBB	LAFB.	RVH	LVH	Points	Location	Notes
Q Dur>=   R/Q =   II Q Dur >= OR   I/R/Q <=     [aVL Q >= OR	34			7.00		2	Α	1
IR/Q≤	3					2	Α	
[II Q Dur >= OR 1	32				32	1	1	
I/R/Q <= ]	4	,				1	1	
[aVL Q >= OR	36				36	1	Α	
ave Q bur w/ neg (-ave T >= 1	32				32	1	Α	
aVF Q Dur >= OR	34				34	2	1	2
					24	-		3
aVFR/Q<=	1.8					1	ı	
V1 Q Dur >	0					1	Α	
[V1 R/S.>= OR.	1.6	X		X		1	P	
V1.R Dur >= ]	50	X		X		1	Р	
V4 Q & S <= 3	200	Х		Х		1	Р	
aVF O Dur w/neg aVF I >=   aVF R/Q <= V1 Q Dur > [V1 R/S >= OR V1 R Dur >=   V4 Q & S <= V2 Ant Q Dur > V2 Post R/S >= V2 Post R Dur >= V3/Q Dur >= V4 Q Dur >= V4 R Amp <=	0				QandR	1	Α	4
V2 Post R/S>= 12	5	X		X		1	Р	
V2 Post R Dur ≥≡ /	58	Х		X		1	Р	
V3:Q Dur >= ≥ '5	24					1	Α	
V4 Q Dur >=	36					1	Α	
V4:R/Q <= OR	3					1	Α	
V4 R/S <= 'OR	0.3					1	Α	
Y4.RS = OR Y4.R Amp <= ] V5.Q Dur >= [V5.R/Q <= OR V5.R/S <= OR V5.R Amp <= ] V6.Q Dur >= V6.R/S <=	400				600	1	Α	
V5 Q Dur >=	32	•				2	Α	
V5 R/Q <= OR	5		•			2	Α	
V5.R/S <= OR	0.7				1.5	1	Α	
V5 R Amp <= ]	400				500	1	Α	
V6 Q Dur ≥≡	32					1	Р	
V6 R/S <= -	2				1.5	1	Р	
HEORIE IOI 3 III NEQ IS UK*						2	ı	
Points for 2 Infineg Ts ] → 1						1	1	
Points for 2 Ant neg Ts						1	Α	
Points for taVL neg Ts  Points for V2T-V6T >= 3-2  [V2R_dur <= AND 305						1	Α	
Points for V2T-V6T>=	600				Х	1	Р	
[V2R dur <= AND )	20				Χ	-	-	
V2R+V3R_dur <= ].	40				X	1	Α	5
Anterior Duration <= AND	18					. 1	Α	6
Anterior Distance <= AND.; //	400					-	-	
Max Posterior/Amplitude >= ] €	50					-	-	
Superior Distance >= AND	300					1		7
Max Superior Amplitude >≡ ]	100					-	-	
Anterior/Posterior Ratio >≡ AND		Х		Х		1	Р	8
Max Anterior Amplitude >= ]-	500					-	-	

**NOTES:** 

- 1. aVL Q Threshold changed based on presence on negative T in aVL AND I (Tamp <= T amp Threshold).
- 2. aVF Q scores 2 points if II Q >= 26mS, otherwise aVF Q scores 1 point.
- 3. aVF Q Threshold changed based on presence on negative T in aVF (aVF T amp <= T amp Threshold).
- 4. With LVH present, a Q followed by an R must be present to score points (Q only does not score).
- 5. One point for:  $V2R \le 20mS$  AND  $V2R + V3R \le 40mS$ .
- 6. One point for: [Anterior Duration <= 18] AND [Anterior Distance <= 400]
- 7. One point for: [Superior Distance >= 300] AND [Max Superior Amp >= 100]
- 8. One point for: [Max Anterior Amp >= 500] AND [(Max Anterior Amp)/Max Posterior Amp) >= 2]
- 9. An X indicates the criteria is disabled if the given confounder is true.



60 yrold male

Criteria Thresholds (in uV and ms	)	RBBB L	AFB RVH	LVH.
i	34			
II R/Q <=	-1			
LR Amp <= 11 R/0 <=	-1 -1			
II Q'Dur>=	1000			
II Q Dur>=	32`			32
aVL Q>=	34			34
åVL Q Qual Dur >=	30			30
aVLR/Q<=	-1			
aVFQ Dur>≕	1000			
aVF Q'Dur>=	1000			
aVF Q Dur>=	34			34
aVF O Quat Dur >=	24		•	24
aVFR/0 <= aVFR/0 <=	-1			
avr-Roo ← Vii Q Dur >	1.8 0			
VI R/S >=	1.6	X	Х	
V1⋅R Dur.>=	1000	,	^	
V1R Dur >=	54	X	X	
<b>V10</b> &S ←	200	X	X	
V2 Ant O Dur>	0			QandR
V2 Ant R Dur <=	-1			X
V2 Ant R Amp <=	-1			Х
V2.Post R/S >=	5	X	X	
V2 Post R Dur>=	1000		V	
V2 Post R Dur >=	58	X X	X X	
/2.0.8.S<= /3.0.Dur>=	-1 1000	^	^	
73 R Dur <=	-1			
/3 R Amp <=	-1			
/3 Q Dur>=	24			
/3 R Dur <=	-1			
/3.R Amp <=	-1			
/4:Q Dur >= :	1000			
/4 <i>R</i> /0<=	-1			
/4R/S<=	-1			
/4 R/O <= -	3			
/4/R/S <= '4 /4/R Amp <= '4	0.3 400 .			600
/5 <b>0</b> Dur >=-	400 . 34			000
/5R/0 <= 24	-1	•		
/5.R/S <=-	-1			
SROCE FREE STEEL	5			
/5R/S<=	0.7			1.5
5RAmp <≐	370			500
/6 O Dur >= ( )	34			
6R(0 <= 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 =	-1			
	-1			
6R/Q <= \s.	-1 1.8			1.5
GR/S<≒ GR/Amp<=	-1	•		-1
amp <= -25	-75			- •
onts for 3 Int neg Ts	1			
oints for 2 infineg Ts	i			
oints for 2 Ant neg Ts	1		•	
ØR∙dur <= ± ØR+V3R_dur<= ± + + + + + + + + + + + + + + + + + +	20			
	40			X
2RFV3R_dur<= interior Duration <= (Ant)	40 15			^

DATA TABLE VII

# 

Criteria										3% LV each	ch Es	% LV Infarct in 12 Segments	ct in 12	Segme	nts	
Criteria   Criteria   Criteria   Criteria   C dur >= C			Nominal	Confo	nder Adi	stnents		Amp or Dur		Pts each	Lead	LAD	_	RCA		rcx LCX
(1 RQ <= OR	Lead	Criteria	Threshold	RBBB	RVH	LAFB	LVH	Adjustment	Notes	C del	Points	1 2 3 4 5	9	7 8 9		Fost,lat 10 11 12
R <=	Lead I	Q dur >=	34mS			,		Yes		7-	2				ŀ	Ī
R <=     Q dur >= OR	Sup-api	{ I R/Q <= 0R	4				,	,		-			-7			
\{\text{Q dur} >= OR \text{A 0mS} \tag{2mS} \		R <= }	0.15mV	•		•		Yes		-			2 1			
Q dur >= OR       32mS       -       -         Q dur >= S       -       -       -         Ramp/Qamp <= OR	Lead II	{Q dur >= 0R	40mS				50mS	Yes		2	က					
Q dur >= }	Inf-api	Q dur >= OR	32mS			•	40mS	Yes		τ-		<u>-</u>	·	2 1		
Ramp/Qamp <=		Q dur >= }	,	•	•	,	32mS	<sub>S</sub>		-						
(Q dur >= OR		Ramp/Qamp <=	4	,			,	,		-						
Q dur >= OR	Lead aVL	(Q dur >= OR	32mS			40mS 4	40mS	Yes		-	2	-	T			T
Qdur >= xx w/ neg i&aVL T }       32mS	Sup	Q dur >= OR	•		•	36mS 3	36mS	Š		-		•	2			
Ramp/Qamp <=		Qdur >= xx w/ neg l&aVL T }	32mS			32mS	32mS	2		-		_	. ~			
( Q >= OR		Ramp/Qamp <=	-	•	•		,						7			
Q >= OR       42mS       -         Q >= OR       34mS       -         Q >= OR       -       -         Qdur >= Xw / neg aVF T }       24mS       -         {Ramp/Qamp <= OR	Lead aVF	{ Q >= OR	50mS				60mS	Yes		3	5		╀	1		F
Q >= OR	Inf-api	Q >= OR	42mS			•	50mS	Yes		0		_		2 2		
Q >= OR		Q >= OR	34mS			•	40mS	Yes		-				۱ م		
Ramp/Qamp <= 0R		Q >= OR					34mS	2		-						
Ramp/Qamp <= OR		Qdur >= xx w/ neg aVF T }	24mS				24mS	Ž						10		
Ramp/Gamp <= 1		{ Ramp/Qamp <= OR	Υ-	ı						۰ ،						T
Fulital   Supior Distance >= AND   300		Ramp/Qamp <= 1 }	2				,	ı		1 ~-				4 4		-
Ordes         Maximum Superior Amplitude >= 1         100         -           Q dur >= (any Q)         X         -         -           Q dur >= AND R dur >= (any QR)         X         -         -           Ramp/Samp >= (Qamp AND Samp) <= }	Prominent Initial	[ Suplor Distance >= AND	300		,				-		F		T		1	
Q dur >= (any Q)       0mS       -         Q dur >= AND R dur >= (any QR)       x       -         Ramp/Samp >=       1.3       x         { (Qamp AND Samp) <= }	Superior Forces	Maximum Superior Amplitude >= ]	100	•						•	-			1		
Q dur >= AND R dur >= (any QR)       X       -         Q dur >= AND R dur >= (any QR)       X       -         { (Qamp AND Samp) <= }	1000	() (inc) = (inc)	c c						ļ							
Ramp/Samp >=	Ant VI	Q duri >= (ariy Q)	2 E >	•			× ;	1	7 (	,- ,		1 5			· , <u>-</u>	
Ramp/Samp >=		A dui 7= AisD is dui 7= (alis) Ais)	< !				o Clin	-	7	-			-			
(Qamp AND Samp) <= OR 0.15mV × (Qamp AND Samp) <= } 0.20mV × (Qamp AND Samp) <= } 0.20mV × 500rling (R dur >= OR 56mS × 56mS × 50mg (R dur >= OR 50mS × 50mg × 6 dur >= (any QR) × 0.04mV · CQ dur >= (any QR) × CQ dur >= (any QR) × CQ dur >= OR 64mS × 500rling (R dur >= OR 64mS	Post	Ramp/Samp >=	1.3	×	×			,		-	2	•			-	2
(Qamp AND Samp) <= }		(Qamp AND Samp) <= OR	0.15mV	×	×	1	,	Yes		<b>-</b>		<del></del>		•		-
scoring {R dur >= OR         56mS         X           R dur >= OR         46mS         X           scoring {R dur >= OR         56mS         X           R dur >= (any Q) OR         0mS         -           R amp <= }		(Qamp AND Samp) <= }	0.20mV	×	×		,	ž		-				•		_
Scoring {R dur >= OR       56mS       X         R dur >= OR       56mS       X         {Q dur >= (any Q) OR       0mS       -         R amp <= }	Post 12L scoring	{R dur >= 0R	56mS	×	×	,		Yes	3	2	2			-	2	-
scoring {R dur >= OR         56mS         X           R dur >= (any Q) OR         0mS         -           R dur <=		R dur >= }	46mS	×	×		,	Yes		τ-				-	<b>~</b>	_
R dur >= } .	Post 15L scoring	(R dur >= OR	26mS	×	×		,	Yes	3	-	-			-	2	- 1
{Q dur >= (any Q) OR 0mS - 10mS - 10mS - 10mS - 10mS - 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		R dur >= } .	50mS	×	×	•	•	o N		<del>-</del>				_	-	_
R dur <= 10mS	Lead V2	{Q dur >= (any Q) OR	0mS		•		×		2	-	-	1 1				
R amp <= } Q dur >= AND R dur >= (any QR)	Ant	R dur <=	10mS				×	Yes		Ψ-						
Q dur >= AND R dur >= (any QR)       X       -         Ramp/Samp >= (Qamp AND Samp) <= (coning {R dur >= OR R dur >= OR R dur >= OR R dur >= OR R dur >= OR R dur >= OR Scoring {R dur >= OR R dur >= OR Sems X       56mS X		R amp <= }	0.04mV	•			×	Yes		τ-		1 -				
Ramp/Samp >=         3         X           (Qamp AND Samp) <=		Q dur >= AND R dur >= (any QR)	×				0ms	,,		Ψ-		1 1 1				
(Qamp AND Samp) <=         0.30mV         X           scoring {R dur >= OR         64mS         X           R dur >= P         56mS         X           scoring {R dur >= OR         64mS         X           R dur >= OR         58mS         X	Post	Ramp/Samp >=	က	×	×	  -		,		1	2		$\mid$			-
scoring       {R dur >= OR       X         R dur >= OR       56mS       X         scoring       {R dur >= OR       64mS       X         R dur >= S       58mS       X		(Qamp_AND_Samp) <=	0.30mV	×	×		•	Yes		τ-						1
R dur >= }     56mS     X       scoring {R dur >= OR     64mS     X       R dur >= }     58mS     X	Post 12L scoring	{R dur >= 0R	64mS	×	×		-	Yes	3	2	2		-	-	-	1 2
scoring {R dur >= OR 64mS X R dur >= } 58mS X		R dur >= }	56mS	×	×		•	Yes		<u> </u>				~	-	_
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Post 15L scoring	{R dur >= 0R P dur >= 1	64mS	×	×̈́			Yes	3	- 1	-			ļ.	<b>,</b> ,	
V C C C C C C C C C C C C C C C C C C C	Drominont	Chatario/Bostorior Batio Sa AND	Silling	< 	< <b> </b>			02	ļ	- ,				-	-	
			4	<	<				<b>-</b>	<del>-</del>	_	_	_		_	_

# DATA TRIBLE VIII

### THURTHELL

		•													
Anterior Forces Post	Maximum Anterior Amplitude >= ]	200	•		•		<b>~</b>						****		
V2T - V6T Post	(V2 Tamp - V6 Tamp) >≖	0.60mV	,			×	S	_	-						-
Lead V3	{Q dur >= OR	34mS	١.			Yes		2	2	2 2	-		-		
Ant	R amp <= OR	.040mV	•	ŧ	•	Yes		2		2 2	_		<u>_</u>		
	Q dur >= OR	26mS	•	1	•	. Yes		_		-			_		
	R amp <= OR	.070mV				Yes				-			· -		
	Q dur >= }	24mS	٠	•		<sup>∞</sup> 2		_		-			<b>-</b>		
Minimal Initial	[ Anterior Duration <= AND	18					9		-	-	-				Τ
Anterior Forces	Anterior Distance <= AND	400	•	ŧ											
Ant	Maximum Posterior Amplitude >= ]	20	٠		•										•
V2R+V3R dur	[ V2R<=20mS AND	20mS	,	٠	,	~	2	_	1	4	F				
Ant	(V2R dur +V3R dur) <= ]	40mS			•	×	•								
Lead V4	Q dur >=	26mS	١.	,		Yes			3	2 1	_				
Ant-apical	{ Ramp/Qamp <= OR	7	4	•	•					2	2		-		
	Ramp/Samp <≂ OR	0.25	1	•	•	1				2	2		<u>_</u>		
	Ramp/Qamp <= OR	4						_		7					
	Ramp/Samp <= OR	0.5	•	•	•			_		7	_				
	R amp <= OR	0.35mV	1	•	- 0.6r	0.6mV Yes				2	_				
	R amp <= }	0.4mV	1	•	- 0.6r			_		7	۲٠				
Lead V5	Q dur >=	32mS	t	ŧ	ı				က	1	-			_	
Apical	{ Ramp/Qamp <= OR	2.5		1				-	•	-	7	7			
	Ramp/Samp <= OR	0.35	•	•	٠.			.,		-	2	7			
	Ramp/Qamp <= OR	ഹ	r		•			_		_	_	<b>~</b>			
	Ramp/Samp <= OR	0.7	4	•						-	_	_			
	R amp <= OR	0.45mV	•	•	- 0.6			_		<del></del>	_	<del>-</del>			
	R amp <= }	0.45mV	٠	•	- 0.5			•		_	_	<del></del>			
Lead V6	Q dur >=	32mS	ŧ	ı	ı			_	9		-7			2	
Post-Apical	{ Ramp/Qamp <= OR	1.8	•	t	ı			.,	01		Υ-		<del>-</del>		~-
	Ramp/Samp <= OR	-	ı	•	· ·				01		_		<del>-</del>	2	~1
	Ramp/Qamp <= OR	3.6		ı				_							_
	Ramp/Samp <= OR	2	1	ı	1		U 8088								_
	R amp <= }	0.45mV	1	•	- 0.6			Ì							1
Lead V8	R amp <=	0.175mV	×	×	ı		~	`	_					1	1 1
Post 15L scoring								_		_	-				
Lead Cz	Q dur <=	58mS	×	×	1	-   Yes		`	_					· 	-
Post 15L scoring				:			_	4							

Set's limits on the allowable RAG adjustment range for the given criterla. Prominent Initial Superior Forces only score in no Q detected in leads II or aVF.

Prominent Anterior Forces - only score if no Posterior points in V1 or V2 detected.

V2 Tamp - V6 Tamp - only score if no Posterior points detected in V1 and V2 and Prominent Anterior Forces are not detected. Minimal initial Anterior Forces - only score if (V2 R amp <=; V2 R dur <=; V3 R amp <=) are not detected.

V2R+V3R duration - only score if (V2 R amp <=; V2 R dur <=; Winnimal Initial Anterior Forces) are not detected.

PURPLE:

RED: GREEN: BLUE:

# DATA TRESLE IX

### ļudi Mi: þæ į.d

## Scoring Table for Sizing and Locating

### How to Read the Table:

1. A 'Yes' in the 'Amp or Dur Adjustments' column indicates the Nominal Threshold is adjusted for race, age, and gender (see adjustment instructions below).

Change threshold if a Confounder is detected and a new threshold value is indicated in the Confounder Column.

3. An X' indicates the criteria is ignored if the Confounder is True. Example: V1 R/S is not scored if RBBB is detected.

4. A " Indicates no change in criteria if the Confounder is True.

4. A = Indicates no drange in direction in the Compounder is true.
5. The {} symbol indicates an OR function. Once a criteria in an OR function is met, score the appropriate points, then skip the subsequent tests in the OR brackets.

The [] symbol indicates the AND function. All criteria inside the AND function must be met to score points.

## Adjustments for Race, Age, and Gender:

ratio criteria (Ramp/Qamp or Ramp/Samp). Refer to the column labeled "Amp or Dur Adjustment" to determine whether an individual Some amplitude and duration criteria thresholds are adjusted for Race, Age and Gender. No criteria adjustments are made to criteria should undergo amplitude or duration adjustments. Normalize to 50 years, Threshold = Nominal Threshold \* (1 + (50-patient age)/100) Age: Gender: Amplitude Adjust:

Male, No adjustment;

Female: Reduce Threshold by 20% (multiply threshold by 0.8)

Black: Increase threshold by 120%

All others: No adjustments Male, No adjustment;

Notes: (Refer to Table, Colunn heading "Notes"

Gender:

**Duration Adjust:** 

Race:

Female: Reduce Threshold 10% (multiply threshold by 0.9)

1. Score points for "Prominent Initial Superior Forces" only when none of the following Criteria are met:

Score one point for any Q unless LVH is present. If LVH detected, then 1 point scored for a Q followed by an R (Q or R only does not score) 11 Q >=; aVF Q >=

Score 12 lead criteria for 12 lead ECG; Score 15 lead criterial for 15 lead ECG

Score points for "Prominent Anterior Forces" only when none of the following Criteria are met:

V1 R/S >=; V1 R dur >=; V1 Q&S <=; V2 R/S >=; V2 R dur >=; V2 Q&S <=; C2 Q dur >=; V8 R amp <= 5. Score points for "V2 Tamp - V6 Tamp >=" only when none of the following Criteria are met:

V1 R/S >=; V1 R dur >=; V1 Q&S <=; V2 R/S >=; V2 R dur >=; V2 Q&S <=; C2 Q dur >=; V8 R amp <=; Prominent Anterior Forces

6. Score points for "Minimal Initial Anterior Forces" only when none of the following Criteria are met:

V2 Any Q; V2 R dur <=; V2 R amp <=; V3 R amp <=

7. Score points for "V2R dur + V3Rdur >=40mS" only when none of the following Criteria are met:

V2 Any Q; V2 R dur <=; V2 R amp <=; V3 R amp <=; Minimal Initial Anterior Forces

DATA TABLES

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